

## Wheelchair Suspension

### ABSTRACT

The present invention has a plurality of pivoting linkages to lift and retract a front castor assembly to facilitate traversing an obstacle or rough terrain. In this regard, a wheelchair suspension having a frame member and at least one a pivoting assembly is provided. The pivoting assembly has, for example, a first linkage pivotally coupled to the frame member and a second linkage pivotally coupled to the frame member. At least one front caster assembly is coupled to the first and second linkages wherein upward pivotal movement of the first linkage causes the caster assembly to undergo upward vertical movement and upward pivotal movement of the second linkage causes the caster assembly to undergo lateral movement inward toward the wheelchair.